



Research Bacteriology
Bldg. 54 - Room 16

VETERANS ADMINISTRATION

HOSPITAL
HINES, ILLINOIS

March 25, 1952

YOUR FILE REFERENCE:

IN REPLY REFER TO:

Dr. Joshua Lederberg
Department of Genetics
College of Agriculture
University of Wisconsin
Madison 6, Wisconsin

Dear Dr. Lederberg:

Unfortunately, in the course of a series of changes in my own fortunes since publishing the article about which you wrote me, I have lost both small colony variant and parent strains of *E. coli* which I used for the work I reported on in 1946, using 2-methyl 1, 4 naphthoquinone.

However, through the courtesy of Dr. W. Kirchheimer of the Northwestern University Medical School, I have been able to obtain a subculture of one of the strains which I used. It was called *E. coli* II in my paper, a saccharose fermenter. I am forwarding this culture to you under separate cover. He regretted not being able to locate the *E. coli* I strain which I had also originally obtained from that collection.

As I remember it, I subjected this strain to 6 serial streakings on plain agar, picking a single colony each time, and the culture which grew from the sixth colony was the one I used with the quinone.

I trust that this one strain will prove satisfactory for your purposes and that you will have no difficulty obtaining the dwarf colonies. I shall be interested to hear what success you have had and what conclusions you make as to whether they are induced or selected by the quinone.

Very sincerely,

Charlotte A. Colwell
CHARLOTTE A. COLWELL, Ph. D.